

Katsuya Inoue

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5049088/katsuya-inoue-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

397
papers

9,599
citations

48
h-index

81
g-index

420
ext. papers

10,343
ext. citations

4.3
avg, IF

5.87
L-index

#	Paper	IF	Citations
397	Structural phase transition in cobalt oxyfluoride Co ₃ Sb ₄ O ₆ F ₆ observed by high-resolution synchrotron and neutron diffraction. <i>Journal of Physics and Chemistry of Solids</i> , 2022 , 163, 110568	3.9	0
396	Three-Dimensional Supramolecular Architectures with Mn Ions Assembled from Hydrogen Bonding Interactions: Crystal Structures and Antiferromagnetic Properties.. <i>ACS Omega</i> , 2022 , 7, 10022-10028	3.9	
395	New magnetic intermediate state, B-phase, in the cubic chiral magnet MnSi. <i>APL Materials</i> , 2022 , 10, 041104	5.7	
394	Observing the orbital angular momentum of Fe and Co in chiral magnet Fe _{0.75} Co _{0.25} Si using soft x-ray magnetic circular dichroism. <i>Journal of Applied Physics</i> , 2022 , 131, 153902	2.5	
393	Controlling avalanche soliton nucleation in a chiral soliton lattice on a monoaxial chiral magnet CrNb ₃ S ₆ by dynamic strain. <i>Applied Physics Letters</i> , 2021 , 118, 132404	3.4	1
392	Chiral Magnetism: Coupling Static and Dynamic Chirality. <i>Chemistry Letters</i> , 2021 , 50, 742-751	1.7	0
391	Nonconventional driving force for selective oxidative C-C coupling reaction due to concurrent and curious formation of Ag. <i>Scientific Reports</i> , 2021 , 11, 1568	4.9	
390	Single-Molecule Magnetic, Catalytic and Photoluminescence Properties of Heterometallic 3d ^{mf} [Ln{PZn ₂ W ₁₀ O ₃₈ (H ₂ O) ₂ } ₂] ₁₁ Tungstophosphate Nanoclusters. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3819	2.3	2
389	Hypersensitive pressure-dependence of the conversion temperature of hysteretic valence tautomeric manganese-nitronyl nitroxide radical 2D-frameworks. <i>Chemical Communications</i> , 2021 , 57, 2376-2379	5.8	3
388	Intermolecular Spin-Crossover-like Phenomenon Sensitive to Applied External Pressure in Heterospin Crystals. <i>Crystal Growth and Design</i> , 2020 , 20, 2796-2802	3.5	4
387	Synthesis of Preyssler-Type Phosphotungstate with Sodium Cation in the Central Cavity through Migration of the Ion. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 461-466	5.1	3
386	Current-induced shuttlecock-like movement of non-axisymmetric chiral skyrmions. <i>Scientific Reports</i> , 2020 , 10, 396	4.9	6
385	Soliton locking phenomenon over finite magnetic field region in the monoaxial chiral magnet CrNb ₃ S ₆ . <i>Applied Physics Letters</i> , 2020 , 117, 232403	3.4	3
384	Synthesis, crystal structures and magnetic properties of nitronyl nitroxide radical-coordinated copper(II) complexes. <i>Transition Metal Chemistry</i> , 2020 , 45, 195-201	2.1	2
383	Spin Crossover between the High-Spin and Low-Spin States and Dielectric Switching in the Ionic Crystals of a Fe(II) [2 D] Molecular Grid. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1583-1587	5.1	2
382	Spontaneous magnetostriction effects in the chiral magnet CrNb ₃ S ₆ . <i>Physical Review B</i> , 2020 , 102,	3.3	3
381	Thermally-induced hysteretic valence tautomeric conversions in the solid state two-step labile electron transfers in manganese-nitronyl nitroxide 2D-frameworks. <i>Dalton Transactions</i> , 2020 , 49, 15646-15662	4.3	7

380	Gas-Dependent Reversible Structural and Magnetic Transformation between Two Ladder Compounds. <i>Crystals</i> , 2020 , 10, 841	2.3	0
379	Effect of increasing pressure on the structure and temperature-induced changes in magnetic properties of heterospin complexes. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1530-1536	1.7	3
378	Anomalous spiked structures in ESR signals from the chiral helimagnet CrNb3S6. <i>Physical Review B</i> , 2019 , 100,	3.3	8
377	Magnetic Switching by Desorption/Adsorption of an Organic Solvent Molecule from/on [Ni(dmit)2]2 Salt. <i>Chemistry Letters</i> , 2019 , 48, 329-332	1.7	0
376	Selective Ion Exchange in Supramolecular Channels in the Crystalline State. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4169-4172	16.4	7
375	Selective Ion Exchange in Supramolecular Channels in the Crystalline State. <i>Angewandte Chemie</i> , 2019 , 131, 4213-4216	3.6	1
374	Observation of orbital angular momentum in the chiral magnet CrNb3S6 by soft x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2019 , 99,	3.3	14
373	Ferroelectric Behavior of a Hexamethylenetetramine-Based Molecular Perovskite Structure. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9184-9187	16.4	23
372	Skyrmion instabilities and distorted spiral states in a frustrated chiral magnet. <i>Physical Review B</i> , 2019 , 100,	3.3	8
371	Surface-size and shape dependencies of change in chiral soliton number in submillimeter-scale crystals of chiral magnet CrNb3S6. <i>AIP Advances</i> , 2019 , 9, 075212	1.5	7
370	Pressure-Controlled Migration of Paramagnetic Centers in a Heterospin Crystal. <i>Inorganic Chemistry</i> , 2019 , 58, 9187-9194	5.1	10
369	Ligand Structure Effects on Molecular Assembly and Magnetic Properties of Copper(II) Complexes with 3-Pyridyl-Substituted Nitronyl Nitroxide Derivatives. <i>ACS Omega</i> , 2019 , 4, 17160-17170	3.9	6
368	A Chiral Prussian Blue Analogue Pushes Magneto-Chiral Dichroism Limits. <i>Journal of the American Chemical Society</i> , 2019 , 141, 20022-20025	16.4	28
367	Magnetic Phase Diagram and Chiral Soliton Phase of Chiral Antiferromagnet [NH4][Mn(HCOO)3]. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 094710	1.5	3
366	A Sandwich Complex of Bismuth Cation and Mono-Lacunary Keggin-Type Phosphotungstate: Preparation and Structural Characterisation. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 357-362 ³		3
365	Crystal structures and magnetic properties of nitroxide radical-coordinated copper(II) and cobalt(II) complexes. <i>Transition Metal Chemistry</i> , 2019 , 44, 283-292	2.1	3
364	A Self-Assembled Heterometallic {Co7Ho1} Nanocluster: 3d-4f Trimeric Keggin-Type Silicotungstate [HoCo7Si3W29O108(OH)5(H2O)4]18 and its Catalytic and Magnetic Applications. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 430-436	2.3	10
363	An approach to fluorinated phthalonitriles containing a nitronyl nitroxide or iminonitroxide moiety. <i>Journal of Fluorine Chemistry</i> , 2019 , 217, 1-7	2.1	7

362	Structural Phase Transition Behavior Observed for a Single Crystal of the Tetrabutylammonium Salt of a Mo ₁₈ Polyoxometalate. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 492-495	2.3	3
361	Logistic Regression Analysis for the Material Design of Chiral Crystals. <i>Chemistry Letters</i> , 2018 , 47, 611-617		4
360	Preparation of Preyssler-type Phosphotungstate with One Central Potassium Cation and Potassium Cation Migration into the Preyssler Molecule to form Di-Potassium-Encapsulated Derivative. <i>ACS Omega</i> , 2018 , 3, 2363-2373	3.9	14
359	Fast Scintillation X-Ray Detector Using Proportional-Mode Si-APD and a HfO ₂ -Nanoparticle-Doped Plastic Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 1012-1017	1.7	3
358	Geometrical protection of topological magnetic solitons in microprocessed chiral magnets. <i>Physical Review B</i> , 2018 , 97,	3.3	22
357	Synthesis of Anion-Mixed Crystals of Assembled Complexes Bridged by 1,2-Bis(4-pyridyl)ethane and the Ligand Field of Fe(NCS)(NCBH ₃) Unit. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 71-81	5.1	3
356	Nonlinear magnetic responses at the phase boundaries around helimagnetic and skyrmion lattice phases in MnSi: Evaluation of robustness of noncollinear spin texture. <i>Physical Review B</i> , 2018 , 97,	3.3	12
355	Neutron diffraction study of antiferromagnetic ErNi ₃ Ga ₉ in magnetic fields. <i>Physica B: Condensed Matter</i> , 2018 , 536, 392-396	2.8	1
354	Specific heat of the chiral-soliton-lattice phase in Yb(Ni _{0.94} Cu _{0.06}) ₃ Al ₉ . <i>Physica B: Condensed Matter</i> , 2018 , 536, 654-658	2.8	12
353	Homogeneous and heterogeneous nucleation of skyrmions in thin layers of cubic helimagnets. <i>Physical Review B</i> , 2018 , 98,	3.3	30
352	Synthesis, crystal structures and magnetic properties of six coordination compounds constructed with pyridine iminomethyl-TEMPO radicals and [M(hfac) ₂] (M = CuII and MnII). <i>CrystEngComm</i> , 2018 , 20, 2961-2967	3.3	4
351	Toggle-switch-like crossover between two types of isolated skyrmions within the conical phase of cubic helimagnets. <i>Physical Review B</i> , 2018 , 98,	3.3	10
350	Giant Hysteretic Single-Molecule Electric Polarisation Switching above Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13429-13432	16.4	20
349	Effects of dynamic stress in magnetic superlattice of a monoaxial chiral magnet Cr _{1/3} NbS ₂ . <i>Journal of Physics: Conference Series</i> , 2018 , 969, 012132	0.3	2
348	Optimizing Lithium Ion Conduction through Crown Ether-Based Cylindrical Channels in [Ni(dmit) ₂] _n Salts. <i>Chemistry of Materials</i> , 2018 , 30, 7130-7137	9.6	16
347	Chemo-chromism in an orthogonal dabco-based Co(II) network assembled by methanol-coordination and hydrogen bond formation. <i>Dalton Transactions</i> , 2018 , 47, 7656-7662	4.3	6
346	Synthesis, Characterization, and Structure of a Reduced Preyssler-type Polyoxometalate. <i>Chemistry Letters</i> , 2017 , 46, 602-604	1.7	10
345	Synthesis of Keggin-Type Cobaltomolybdate-Based 3D Framework Material and Characterization Using Atomic-Scale HAADF-STEM and XANES. <i>Inorganic Chemistry</i> , 2017 , 56, 2042-2049	5.1	9

344	Coupling of Magnetic and Elastic Domains in the Organic-Inorganic Layered Perovskite-Like (C ₄ H ₈ Cl ₂) ₂ FeCl ₂ Crystal. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9367-9370	16.4	27
343	A dielectric anomaly observed for doubly reduced mixed-valence polyoxometalate. <i>Chemical Communications</i> , 2017 , 53, 6824-6827	5.8	9
342	Coupling of Magnetic and Elastic Domains in the Organic-Inorganic Layered Perovskite-Like (C ₆ H ₅ C ₂ H ₄ NH ₃) ₂ FeCl ₂ Crystal. <i>Angewandte Chemie</i> , 2017 , 129, 9495-9498	3.6	10
341	Collective resonant dynamics of the chiral spin soliton lattice in a monoaxial chiral magnetic crystal. <i>Physical Review B</i> , 2017 , 95,	3.3	28
340	Magneto-chiral dichroism of CsCuCl ₃ . <i>Physical Review B</i> , 2017 , 96,	3.3	16
339	(Azulene-1,3-diyl)-bis(nitronyl nitroxide) and (Azulene-1,3-diyl)-bis(iminonitroxide) and Their Copper Complexes. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2929-2941	4.5	17
338	Two New Sandwich-Type Manganese {Mn ₅ }-Substituted Polyoxotungstates: Syntheses, Crystal Structures, Electrochemistry, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 8759-8767	5.1	34
337	Pressure-induced quantum phase transitions in the S=12 triangular lattice antiferromagnet CsCuCl ₃ . <i>Physical Review B</i> , 2017 , 96,	3.3	7
336	Co-Crystallization of Achiral Components into Chiral Network by Supramolecular Interactions: Coordination Complexes of Organic Radical. <i>Crystal Growth and Design</i> , 2017 , 17, 4893-4899	3.5	10
335	Magnetic solitons and magnetic phase diagram of the hexagonal chiral crystal CrNb ₃ S ₆ in oblique magnetic fields. <i>Physical Review B</i> , 2017 , 96,	3.3	34
334	Chiral Soliton Lattice Formation in Monoaxial Helimagnet Yb(Ni _{1-x} Cu _x) ₃ Al ₉ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 124702	1.5	37
333	Magnetic Properties and Magnetic Phase Diagrams of Trigonal DyNi ₃ Ga ₉ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 124704	1.5	5
332	Monochiral helimagnetism in homochiral crystals of CsCuCl ₃ . <i>Physical Review Materials</i> , 2017 , 1,	3.2	11
331	Chiral Surface Twists and Skyrmion Stability in Nanolayers of Cubic Helimagnets. <i>Physical Review Letters</i> , 2016 , 117, 087202	7.4	88
330	Incommensurate-commensurate transitions in the monoaxial chiral helimagnet driven by the magnetic field. <i>Physical Review B</i> , 2016 , 93,	3.3	25
329	Phase diagram of the chiral magnet Cr _{1/3} NbS ₂ in a magnetic field. <i>Physical Review B</i> , 2016 , 93,	3.3	42
328	Symmetry, Structure, and Dynamics of Monoaxial Chiral Magnets. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 112001	1.5	91
327	Cu(II) complex with nitronyl nitroxide whose paramagnetism is suppressed by temperature decrease and/or pressure increase. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11157-11163	7.1	19

326	Discrete Change in Magnetization by Chiral Soliton Lattice Formation in the Chiral Magnet Cr _{1/3} NbS ₂ . <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 013707	1.5	36
325	NMR study on the quasi one-dimensional quantum spin magnet with ladder structure. <i>Hyperfine Interactions</i> , 2016 , 237, 1	0.8	1
324	Synthesis, Crystal Structure, and Magnetic Properties of a Chiral Cyanide-Bridged Bimetallic Framework K ₃ [Mn(II)(L-asp)] ₆ [Cr(III)(CN) ₆] ₂ ·2H ₂ O. <i>Inorganic Chemistry</i> , 2016 , 55, 300-6	5.1	6
323	Progressive Transformation between Two Magnetic Ground States for One Crystal Structure of a Chiral Molecular Magnet. <i>Inorganic Chemistry</i> , 2016 , 55, 3047-57	5.1	8
322	Long Periodic Helimagnetic Ordering in CrM ₃ S ₆ (M = Nb and Ta). <i>Journal of Physics: Conference Series</i> , 2016 , 746, 012061	0.3	6
321	Size dependence of discrete change in magnetization in single crystal of chiral magnet Cr _{1/3} NbS ₂ . <i>Journal of Applied Physics</i> , 2016 , 120, 143901	2.5	20
320	S=12 triangular-lattice antiferromagnets Ba ₃ CoSb ₂ O ₉ and CsCuCl ₃ : Role of spin-orbit coupling, crystalline electric field effect, and Dzyaloshinskii-Moriya interaction. <i>Physical Review B</i> , 2016 , 94,	3.3	12
319	Phase transitions and off-stoichiometric effects of vanadium spinel oxide CoV ₂ O ₄ . <i>Materials Research Express</i> , 2016 , 3, 066101	1.7	5
318	Biomimetic Transformation by a Crystal of a Chiral MnII/CrIII Ferrimagnetic Prussian Blue Analogue. <i>Chemistry of Materials</i> , 2016 , 28, 7029-7038	9.6	18
317	Lanthanoid Template Isolation of the β ,5 Isomer of Dicobalt(II)-Substituted Keggin Type Phosphotungstates: Syntheses, Characterization, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 8292-300	5.1	17
316	High magnetic hardness for the canted antiferromagnetic, ferroelectric, and ferroelastic layered perovskite-like (C ₂ H ₅ NH ₃) ₂ [Fe(II)Cl ₄]. <i>Inorganic Chemistry</i> , 2015 , 54, 2866-74	5.1	38
315	Investigation of structural changes in chiral magnet Cr _{1/3} NbS ₂ under application of pressure. <i>Journal of Applied Physics</i> , 2015 , 117, 183904	2.5	19
314	A heterospin pressure sensor. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7788-7791	7.1	14
313	Multiple structural transformations coupled with switchable magnetic and dielectric responses in an amphidynamic crystal of 4-tert-butylbenzylpyridinium bis(maleonitriledithiolate)nickelate. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7906-7915	7.1	10
312	Study of Magnetic Domain Dynamics Using Nonlinear Magnetic Responses: Magnetic Diagnostics of the Itinerant Magnet MnP. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 104707	1.5	9
311	Magnetic soliton confinement and discretization effects arising from macroscopic coherence in a chiral spin soliton lattice. <i>Physical Review B</i> , 2015 , 92,	3.3	72
310	Characteristic responses of a phospholipid molecular layer to polyols. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 594-9	6	12
309	Magnetic Resonance in the Chiral Helimagnet CrNb ₃ S ₆ . <i>Physics Procedia</i> , 2015 , 75, 926-931		12

308	A magnetically isolated cuprate spin-ladder system: synthesis, structures, and magnetic properties. <i>Dalton Transactions</i> , 2014 , 43, 12974-81	4.3	10
307	On the nature of the structural and magnetic phase transitions in the layered perovskite-like (CH ₃ NH ₃) ₂ [Fe(II)Cl ₄]. <i>Inorganic Chemistry</i> , 2014 , 53, 2068-75	5.1	46
306	Dual association modes of the 2,5,8-tris(pentafluorophenyl)phenalenyl radical. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1823-9	4.5	45
305	A Cuprate Spin Ladder Linked by a Pyridyl Ligand. <i>Chemistry Letters</i> , 2014 , 43, 1713-1715	1.7	3
304	Chiral Soliton Lattice in Chiral Magnetic Crystal CrNb ₃ S ₆ . <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2014 , 61, S34-S36	0.2	2
303	Crystal Growth of Chiral Magnetic Material in CsCuCl ₃ . <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012019	0.3	9
302	Chiral Magnetic Soliton Lattice in MnSi 2014 ,		6
301	Electrical Network of Single-Crystalline Metal Oxide Nanoclusters Wired by π Molecules. <i>Angewandte Chemie</i> , 2014 , 126, 11410-11413	3.6	8
300	Electrical network of single-crystalline metal oxide nanoclusters wired by π molecules. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11228-31	16.4	30
299	Giant Photoconductivity in NMQ[Ni(dmit) ₂]. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4000-4009	4.9	10
298	Long-range magnetic ordering at 5.5 K for cobalt(II)-hydroxide diamond chains isolated by 17 π with π phenylcinnamate. <i>Inorganic Chemistry</i> , 2013 , 52, 2142-9	5.1	17
297	Impact of diradical character on two-photon absorption: bis(acridine) dimers synthesized from an allenic precursor. <i>Journal of the American Chemical Society</i> , 2013 , 135, 232-41	16.4	124
296	Interlayer magnetoresistance due to chiral soliton lattice formation in hexagonal chiral magnet CrNb ₃ S ₆ . <i>Physical Review Letters</i> , 2013 , 111, 197204	7.4	96
295	The effect of doping a molecular spin ladder with non-magnetic impurities. <i>Dalton Transactions</i> , 2013 , 42, 15263-6	4.3	7
294	Quick and selective synthesis of Li ₆ [π P ₂ W ₁₈ O ₆₂] \cdot 12H ₂ O soluble in various organic solvents. <i>Dalton Transactions</i> , 2013 , 42, 11363-6	4.3	16
293	Anomalous magnetization behaviour in a single crystal of vanadium spinel FeV ₂ O ₄ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 416005	1.8	12
292	Multiple spectra of electron spin resonance in chiral molecule-based magnets networked by a single chiral ligand. <i>Journal of Applied Physics</i> , 2013 , 114, 133901	2.5	3
291	Poster: Spin-Related Phenomena 2013 , 589-632		

290	Magnetic Properties of Magnetic Ultrafine Particles Synthesized from a Gaseous Mixture of Iron Pentacarbonyl and Trimethylsilyl Azide. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2013 , 26, 459-465	0.7	3
289	Magnetism and Chirality 2013 , 133-147		1
288	Crystal structure and spin state of Fe _{0.5} Co _{0.5} (NCS) ₂ (bpa) ₂ 2013 , 195-198		
287	New Magnetic Honeycomb Material [Organic Radical Approach]. <i>JPSJ News and Comments</i> , 2013 , 10, 08	0.1	2
286	Molecular photoconductor with simultaneously photocontrollable localized spins. <i>Journal of the American Chemical Society</i> , 2012 , 134, 18656-66	16.4	29
285	Unconventional Magnetic Domain Structure in the Ferromagnetic Phase of MnP Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 043701	1.5	15
284	Magnetization and spin gap in two-dimensional organic ferrimagnet BIPNNBNO. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 306003	1.8	
283	Chiral magnetic soliton lattice on a chiral helimagnet. <i>Physical Review Letters</i> , 2012 , 108, 107202	7.4	311
282	Crystal structure and spin state of Fe _{0.5} Co _{0.5} (NCS) ₂ (bpa) ₂ . <i>Hyperfine Interactions</i> , 2012 , 205, 47-50	0.8	
281	Spiral Assembly of the 1D Chain Sheet of Fe(NCBH ₃) ₂ (bpa) ₂ [(biphenyl) (bpa = 1,2-bis(4-pyridyl)ethane) and its Stepwise Spin-Crossover Phenomenon. <i>Polymers</i> , 2012 , 4, 880-888	4.5	4
280	Magnetic diagnostics using the third-harmonic magnetic response for a molecule-based magnet networked by a single chiral ligand. <i>Journal of Applied Physics</i> , 2012 , 111, 103914	2.5	17
279	THz ESR study of multiferroic material CuO under pulsed magnetic field 2012 ,		1
278	Effect of uniaxial strain on a molecule-based ferrimagnet with crystal chirality. <i>Polyhedron</i> , 2011 , 30, 3262-3264	2.7	1
277	Reversible structural change of host framework triggered by desorption and adsorption of guest benzene molecules in Fe(NCS) ₂ (bpp) ₂ [(benzene) (bpp=1,3-bis(4-pyridyl)propane). <i>Inorganica Chimica Acta</i> , 2011 , 370, 82-88	2.7	14
276	High-frequency ESR study on a frustrated mixed spin system BIPNNBNO. <i>Journal of Physics: Conference Series</i> , 2011 , 320, 012034	0.3	
275	Recent Progress on Chiral Magnetic Crystals. <i>Nihon Kessho Gakkaishi</i> , 2011 , 53, 339-345	0	
274	Bose-Einstein condensation of semi-hard bosons in the S = 1 dimerized organic compound F(2)PNNNO. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 036001	1.8	3
273	Stabilization of long-lived metastable state in long alkylated spin-crossover cobalt(II) compound. <i>Inorganic Chemistry</i> , 2010 , 49, 1428-32	5.1	38

272	Magnetic hysteresis and domain wall dynamics in single chain magnets with antiferromagnetic interchain coupling. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 436003	1.8	19
271	Spin state of mixed crystals of iron with zinc or cobalt for the assembled complexes bridged by 1,3-bis(4-pyridyl)propanes. <i>Journal of Physics: Conference Series</i> , 2010 , 217, 012035	0.3	5
270	Spin transition induced by crystal liquid crystal transition. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 082008	0.3	3
269	Spin-crossover Change from Gradual to Abrupt Types for an Iron(III) Complex. <i>Chemistry Letters</i> , 2010 , 39, 328-329	1.7	10
268	Bis[2-(8-quinolylimino-methyl)phenolato- κ^2 ,N',O]iron(III) azide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m204		2
267	Nonlinear spin-wave phenomena in a [Mn{(R/S)-pn} ₂] ₂ [Mn{(R/S)-pn}2H ₂ O][Cr(CN) ₆] chiral molecular ferrimagnet. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010 , 74, 1335-1337	0.4	
266	Heat capacity measurements of chiral and racemic molecular magnets. <i>Physica B: Condensed Matter</i> , 2010 , 405, S19-S22	2.8	3
265	Bis(1H-imidazole- κ^2){2,2'-[propane-1,2-diylbis(nitrilo-methyl-idyne)]diphenolato- κ^2 ,N,N',O'}iron(III) perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m302-3		
264	Giant nonlinear magnetic response in a molecule-based magnet. <i>Physical Review B</i> , 2009 , 79,	3.3	41
263	Photo-induced spin transition of Iron(III) compounds with pi-pi intermolecular interactions. <i>Chemistry - A European Journal</i> , 2009 , 15, 3497-508	4.8	137
262	Mesogenic and magnetic behavior in cobalt(II) and iron(II) compounds with long alkyl chains. <i>Monatshefte für Chemie</i> , 2009 , 140, 829-838	1.4	6
261	Chiral helimagnetism in T ₁ /3NbS ₂ (T=Cr and Mn). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 600, 250-253	1.2	60
260	Spin-crossover phenomenon of the assembled iron complexes with 1,2-bis(4-pyridyl)ethane as bridging ligand studied by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2009 , 188, 107-111	0.8	11
259	Synthesis, structure and magnetic properties of the pentanuclear complex [Fe ₂ (CN) ₁₂ Ni ₃ (L) ₆] ₂ ·7H ₂ O, where L is nitronyl nitroxide. <i>Journal of Structural Chemistry</i> , 2009 , 50, 1155-1158	0.9	4
258	Syntheses, structures and magnetic properties of zig-zag chains of transition metals with O ²⁻ bridges. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1428-1434	2.7	16
257	Second-order non-linear optical response in LB films for the metal complexes. <i>Polyhedron</i> , 2009 , 28, 1722-1727	1.7	17
256	Mesophase and magnetic behavior in cobalt(II) and iron(II) compounds. <i>Polyhedron</i> , 2009 , 28, 2053-2057	2.7	14
255	Distorted perovskite structured organic-organic hybrid compounds for possible multiferroic behavior: [n-alkyl] ₂ FeCl ₄ . <i>Polyhedron</i> , 2009 , 28, 1864-1867	2.7	21

254	Magnetic hysteresis in a molecular Ising ferrimagnet: Glauber dynamics approach. <i>European Physical Journal B</i> , 2009 , 70, 369-375	1.2	27
253	Spin Transition Induced by Mesophase Transition in the Cobalt(II) Compounds with Branched Alkyl Chains. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 509, 309/[1051]-316/[1058]	0.5	3
252	Magnetic Field versus Temperature Phase Diagram of the Spin-1/2 Alternating-Bond Chain Compound F5PNN. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 074716	1.5	6
251	Synthesis, Crystal Structures, and Properties of Molecular Squares Displaying Hydrogen and π Bonded Networks. <i>Crystal Growth and Design</i> , 2009 , 9, 2734-2741	3.5	24
250	On the nature of the reversibility of hydration-dehydration on the crystal structure and magnetism of the ferrimagnet $[\text{MnII}(\text{enH})(\text{H}_2\text{O})][\text{CrIII}(\text{CN})_6]\cdot\text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 2009 , 48, 267-76	5.1	39
249	Crystallographic Chirality of CsCuCl_3 Probed by Resonant Circularly-Polarized Hard X-ray Diffraction. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 123601	1.5	25
248	Consecutive irreversible single-crystal to single-crystal and reversible single-crystal to glass transformations and associated magnetism of the coordination polymer, $[\text{Mn}(\text{II})(\text{rac-pnH})(\text{H}_2\text{O})\text{Cr}(\text{III})(\text{CN})_6]\cdot\text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 2009 , 48, 10726-36	5.1	29
247	Dichlorido[1-(8-quinolylimino-meth-yl)-2-naphtholato]iron(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m800		3
246	Magnetocrystalline Anisotropy and Crystal Fields in the Weak-Ferromagnet $\text{Ce}_4\text{Ni}_3\text{Pb}_4$. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 024701	1.5	
245	Magnetic Properties of Iron(II) and Cobalt(II) Complexes of Tetrakis(2-pyridyl)methane. Spin-crossover Behavior in the Cobalt(II) Complex. <i>Chemistry Letters</i> , 2009 , 38, 620-621	1.7	14
244	Structures and Dielectric Properties in Thermochromic Nickel(II) Compounds. <i>Chemistry Letters</i> , 2009 , 38, 490-491	1.7	4
243	Triphenyl{(E)-4-[4-(phenyldiazenyl)phenyl]-4H-1,2,4-triazol-1-yl}boron. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2425		
242	Commensurate to Incommensurate Transition in the Chiral Helimagnet CuB_2O_4 . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 053702	1.5	5
241	Dynamic structural conversion in a spin-crossover cobalt(ii) compound with long alkyl chains. <i>Chemical Communications</i> , 2008 , 6510-2	5.8	70
240	Magnetic Properties and Pressure-Induced Ferromagnetism of $\text{Cu}_2(\text{OH})_3(\text{CH}_3\text{COO})\cdot\text{H}_2\text{O}$. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19147-19150	3.8	14
239	LIESST Effect and Cooperativity of a 2-D Hofmann-type Compound. <i>Chemistry Letters</i> , 2008 , 37, 292-293	1.7	12
238	Synthesis and Magnetic Properties of Conjugated Radical Polymer. <i>Chemistry Letters</i> , 2008 , 37, 694-695	1.7	4
237	Reversible Single Crystal-to-Amorphous Phase Transition upon Dehydration/Rehydration and Associated Magnetism in $[\text{MnII}(\text{enH})(\text{H}_2\text{O})][\text{CrIII}(\text{CN})_6]\cdot\text{H}_2\text{O}$. <i>Chemistry Letters</i> , 2008 , 37, 504-505	1.7	10

236	Crystal Structures and Magnetic Properties of $[MnII(rac-pnH)(H_2O)CrIII(CN)_6] \cdot H_2O$ and Its Dehydrated Form. <i>Chemistry Letters</i> , 2008 , 37, 586-587	1.7	13
235	Mechanochemical synthesis and order-disorder phase transition in fluoride ion conductor $RbPbF_3$. <i>Solid State Ionics</i> , 2008 , 179, 605-610	3.3	15
234	Intriguing assembled structure and properties of a novel dinuclear nickel(II) complex with an axially coordinated azide and methanol. <i>Journal of Molecular Structure</i> , 2008 , 892, 220-224	3.4	15
233	Superprotonic solid solutions between $CsHSO_4$ and CsH_2PO_4 . <i>Solid State Ionics</i> , 2008 , 179, 483-488	3.3	21
232	Observation of photo- and electro-luminescence at 1.54 eV of Er in strained Si and SiGe. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 146, 135-140	3.1	3
231	Spin solitons and spin waves in chiral and racemic molecular based ferrimagnets. <i>Physical Review B</i> , 2008 , 77,	3.3	27
230	Spin solitons and waves in chiral molecular ferrimagnets. <i>Journal of Experimental and Theoretical Physics</i> , 2008 , 107, 74-82	1	5
229	Spin-crossover phenomenon of the assembled iron complexes with 1,2-bis(4-pyridyl)ethane as bridging ligand studied by Mössbauer spectroscopy 2008 , 1341-1345		
228	Occurrence of a rare 4(9).6(6) structural topology, chirality, and weak ferromagnetism in the $[NH_4][MII(HCOO)_3]$ (M = Mn, Co, Ni) frameworks. <i>Inorganic Chemistry</i> , 2007 , 46, 437-45	5.1	149
227	Metal-organic frameworks from copper dimers with cis- and trans-1,4-cyclohexanedicarboxylate and cis,cis-1,3,5-cyclohexanetricarboxylate. <i>Inorganic Chemistry</i> , 2007 , 46, 5949-56	5.1	44
226	Spin transition at the mesophase transition temperature in a cobalt(II) compound with branched alkyl chains. <i>Inorganic Chemistry</i> , 2007 , 46, 7692-4	5.1	64
225	Chiral Magnetic Ordering and Commensurate-to-Incommensurate Transition in CuB_2O_4 . <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 123709	1.5	24
224	Photoinduced spin transition for Iron(II) compounds with liquid-crystal properties. <i>Inorganic Chemistry</i> , 2007 , 46, 1789-94	5.1	46
223	Effect of Pressure on a Chiral Two-Dimensional Ferrimagnet. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 192-193	1.5	2
222	Guest-Induced Chirality in the Ferrimagnetic Nanoporous Diamond Framework $Mn_3(HCOO)_6$. <i>Advanced Functional Materials</i> , 2007 , 17, 577-584	15.6	75
221	Dual-function molecular crystal containing the magnetic chain anion. <i>Polyhedron</i> , 2007 , 26, 1800-1804	2.7	7
220	Spin-crossover iron(II) compounds with liquid-crystal properties. <i>Polyhedron</i> , 2007 , 26, 2375-2380	2.7	27
219	Magnetic phase diagram of the quasi-two-dimensional antiferromagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e415-e417	2.8	6

218	Magnetic properties of a spin-1 ladder under pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e420-e422	2.8	1
217	Static and dynamical anomalies caused by chiral soliton lattice in molecular-based chiral magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1386-1388	2.8	10
216	Synthesis, crystal structure and magnetic properties of a cyclic dimer of $[[\text{Co}(\text{hfac})_2][\text{BNOt-Bu}]_2$. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1847-1848	2.8	4
215	Spin dynamics and ferromagnetic resonance in an $[\text{Mn}\{\text{(R/S)-pn}\}]_2[\text{Mn}\{\text{(R/S)-pn}\}_2(\text{H}_2\text{O})][\text{Cr}(\text{CN})_6]_2$ molecular magnetic. <i>Russian Journal of Physical Chemistry B</i> , 2007 , 1, 254-258	1.2	2
214	Spin-density distribution in the partially magnetized organic quantum magnet F2PNNNO. <i>Physical Review B</i> , 2007 , 75,	3.3	6
213	Crystal Structure and Magnetic Property of Two Novel 1-D Cobalt(II) Assemblies. <i>Chemistry Letters</i> , 2007 , 36, 90-91	1.7	13
212	Novel 2D Interpenetrated Structure and Occurrence of the Spin-crossover Phenomena of Assembled Complexes, $\text{Fe}(\text{NCX})_2(\text{bpp})_2$ (X = S, Se, BH ₃ ; bpp = 1,3-Bis(4-pyridyl)propane). <i>Chemistry Letters</i> , 2007 , 36, 1064-1065	1.7	23
211	Studies for Direction Dependences of Magnetizations and Magnetic Structure of Chiral Molecule-based Metamagnet, $[\text{Mn}(\text{hfac})_2][\text{BNO}^*]$. <i>Chemistry Letters</i> , 2007 , 36, 534-535	1.7	9
210	Synthesis and Characterization of a Novel Chiral Molecular-Based Ferrimagnet Prepared from a Chiral Nitronyl Nitroxide Radical and Manganese(II) Ion. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 204-207	5.1	16
209	Chiral Effects on Magnetic Properties for Chiral and Racemic W^{VI} Prussian Blue Analogues. <i>Chemistry Letters</i> , 2007 , 36, 1022-1023	1.7	45
208	Field-induced ferrimagnetic state in a molecule-based magnet consisting of a Co(II) ion and a chiral triplet Bis(nitroxide) radical. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9902-9	16.4	88
207	Metal-organic frameworks from homometallic chains of nickel(II) and 1,4-cyclohexanedicarboxylate connectors: ferrimagnet-ferromagnet transformation. <i>Inorganic Chemistry</i> , 2006 , 45, 1627-37	5.1	117
206	Structural and magnetic investigations for the doping effect of nonmagnetic impurity on the spin-Peierls-like transition in a quasi-one-dimensional magnet: 1-(4'-nitrobenzyl)pyridinium bis(maleonitriledithiolato)nickelate. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7671-7	3.4	23
205	Quantum dissipation theory of slow magnetic relaxation mediated by domain-wall motion in the one-dimensional chain compound $[\text{Mn}(\text{hfac})_2\text{BNOH}]$. <i>Physical Review B</i> , 2006 , 74,	3.3	11
204	Hybrid organic-inorganic conductor with a magnetic chain anion: $\kappa\text{-BETS}_2[\text{Fe}(\text{III})(\text{C}_2\text{O}_4)\text{Cl}_2]$ [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Inorganic Chemistry</i> , 2006 , 45, 3275-80	5.1	31
203	Occurrence of the Spin-crossover Phenomenon of Assembled Complexes, $\text{Fe}(\text{NCX})_2(\text{bpa})_2$ (X = S, BH ₃ ; bpa = 1,2-Bis(4-pyridyl)ethane) by Enclathrating Organic Guest Molecule. <i>Chemistry Letters</i> , 2006 , 35, 1042-1043	1.7	26
202	Hysteresis Loops in Dielectric Properties of the Thermochromic Copper(II) Compounds. <i>Chemistry Letters</i> , 2006 , 35, 1114-1115	1.7	3
201	Spin-Crossover Behaviors of Iron(III) Compounds with Strong Intermolecular Interactions. <i>Bulletin of the Chemical Society of Japan</i> , 2006 , 79, 442-450	5.1	30

200	Quantum Spin Magnetism in Nitroxide-based Compounds 2006 , 107-130		1
199	Possible Magnetic Chirality in Optically Chiral Magnet [Cr(CN) ₆][Mn(S-pnH(H ₂ O))](H ₂ O) Probed by Muon Spin Rotation and Relaxation. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 063705	1.5	12
198	Influence of Self-Irradiation Damage on the Pu-Based Superconductor PuCoGa ₅ Probed by Muon Spin Rotation. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 53-55	1.5	1
197	High field ESR measurements on the chiral spin system CuB ₂ O ₄ . <i>Journal of Physics: Conference Series</i> , 2006 , 51, 111-114	0.3	7
196	EPR measurements of a two-dimensional spin frustrated system, BIPNNBNO with S= 1 and S= 1/2. <i>Journal of Physics: Conference Series</i> , 2006 , 51, 91-94	0.3	2
195	Spin solitons in molecular magnetic materials with the chiral structure. <i>JETP Letters</i> , 2006 , 84, 446-450	1.2	9
194	Spin-crossover phenomena of the assembled iron complexes by enclathrating an organic molecule. <i>Hyperfine Interactions</i> , 2006 , 166, 469-473	0.8	10
193	Knotted network consisting of 3-threads and a zwitterionic one-dimensional polymorphs of trans-3-(3-pyridyl)acrylate of cobalt and nickel, MII(C ₈ H ₆ NO ₂) ₂ (H ₂ O) ₂ . <i>Inorganic Chemistry</i> , 2005 , 44, 217-24	5.1	145
192	Spin-crossover cobalt(II) compound with banana-shaped structure. <i>Inorganic Chemistry</i> , 2005 , 44, 7295-75.1	5.1	30
191	Rational synthesis and X-ray structural study of manganese-pyridine-alcohol derivatives. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 1523-1530	1.6	13
190	Molecular rotor of Cs ₂ [[18]crown-6] ₃ in the solid state coupled with the magnetism of [Ni(dmit) ₂]. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4397-402	16.4	102
189	Hydrothermal Synthesis and Structural Characterization of a Manganese(II) Wire Made Up of Octahedral and Square Pyramidal Mn(II) Ions. <i>Chemistry Letters</i> , 2005 , 34, 526-527	1.7	2
188	Chiral Molecule-Based Magnets 2005 , 41-70		3
187	Exploration on Au(S ₂ -py)PR ₃ complexes as a viable building block for constructing hetero-nuclear supramolecules: synthesis and X-ray study on M(acac?) ₂ [Au(S ₂ -py)PR ₃] ₂ (ClO ₄) _x (M=Cr, Cu; acac?=acetylacetonate, hexafluoro-acetylacetonate; x=0 or 1). <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 57-68	2.3	21
186	The effect of carbon chain length of the diphosphine ligand on the aurophilic interaction. Synthesis and X-ray structural study for a series of Au(I) compounds with Ph ₂ PBBPh ₂ and S-(CH ₂) _n -py ligands. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 57-68	2.3	36
185	Photo-induced spin transition iron(II) compounds with liquid-crystal properties. <i>Polyhedron</i> , 2005 , 24, 2821-2827	2.7	17
184	Crystal structures and magnetic properties of chiral and achiral cyanide-bridged bimetallic layered compounds. <i>Polyhedron</i> , 2005 , 24, 2808-2812	2.7	8
183	Crystal structure and mesogenic property of an iron(II) complex with a terpyridine derivative ligand. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 506-509	3.1	12

- 182 Magnetic resonance in a $[\{\text{Cr}(\text{CN})_6\}\{\text{Mn}(\text{S})\text{-pnH}(\text{H}_2\text{O})\}]\cdot\text{H}_2\text{O}$ single-crystal molecular ferrimagnet. *Physics of the Solid State*, **2005**, 47, 2106 0.8 6
- 181 Reverse spin transition triggered by a structural phase transition. *Angewandte Chemie - International Edition*, **2005**, 44, 4899-903 16.4 126
- 180 Reverse Spin Transition Triggered by a Structural Phase Transition. *Angewandte Chemie*, **2005**, 117, 4977-4981 29
- 179 Tetrathiafulvalene $[\text{Fe}^{\text{III}}(\text{C}_2\text{O}_4)\text{Cl}_2]$: An Organic/Inorganic Hybrid Exhibiting Canted Antiferromagnetism. *Advanced Materials*, **2005**, 17, 1988-1991 24 40
- 178 Synthesis and X-ray structure study on new Au(I) polymer architectures based on multi-sulfur tentacles. *Journal of Organometallic Chemistry*, **2005**, 690, 1332-1339 2.3 8
- 177 Influence of the intermolecular interaction on photo-induced spin-transition of $[\text{Fe}(\text{R-pap})_2]\text{X}$. *Journal of Radioanalytical and Nuclear Chemistry*, **2005**, 266, 521-525 1.5 7
- 176 Real-space renormalization group study of the anisotropic antiferromagnetic Heisenberg model of spin $S=1$ on a honeycomb lattice. *Journal of Physics Condensed Matter*, **2005**, 17, 1769-1780 1.8 3
- 175 Specific heat study of an $S = 1/2$ alternating Heisenberg chain system: F5PNN in a magnetic field. *Physical Review Letters*, **2005**, 94, 037203 7.4 26
- 174 Magnetic Levitation of Plastic Chips: Applications for Magnetic Susceptibility Measurement and Magnetic Separation. *Japanese Journal of Applied Physics*, **2005**, 44, 6801-6803 1.4 21
- 173 Synthesis, Structure and Magnetic Properties of Chiral Molecule-Based Magnets. *Progress of Theoretical Physics Supplement*, **2005**, 159, 82-95 136
- 172 Nuclear Magnetic Relaxation of Proton in Organic Radical Antiferromagnet BIPNNBNO around Critical Field Region. *Progress of Theoretical Physics Supplement*, **2005**, 159, 118-122 1
- 171 Ni intercalation of titanium diselenide: effect on the lattice, specific heat and magnetic properties. *Journal of Physics Condensed Matter*, **2004**, 16, 9243-9258 1.8 13
- 170 Four-stage amphoteric redox properties and biradicaloid character of tetra-tert-butylidicyclopenta[b;d]thieno[1,2,3-cd;5,6,7-c'd']diphenalene. *Angewandte Chemie - International Edition*, **2004**, 43, 6474-9 16.4 112
- 169 Three-dimensional chiral molecule-based ferrimagnet with triple-helical-strand structure. *Angewandte Chemie - International Edition*, **2004**, 43, 5618-21 16.4 139
- 168 A Photoinduced Spin Transition Iron(II) Complex with Liquid-Crystal Properties. *Advanced Materials*, **2004**, 16, 869-872 24 71
- 167 Three-Dimensional Chiral Molecule-Based Ferrimagnet with Triple-Helical-Strand Structure. *Angewandte Chemie*, **2004**, 116, 5736-5739 3.6 19
- 166 Construction of Nano-Channels Based on Zinc(II) Pyrazine-2-carboxylate Complexes. *European Journal of Inorganic Chemistry*, **2004**, 2004, 4882-4890 2.3 19
- 165 Metal-complex assemblies constructed from the flexible hinge-like ligand H2bhmq: structural versatility and dynamic behavior in the solid state. *Chemistry - A European Journal*, **2004**, 10, 2647-60 4.8 86

164	Magnetization plateau and cusp in S=1 spin ladder. <i>Physica B: Condensed Matter</i> , 2004 , 346-347, 34-37	2.8	8
163	Synthesis, magnetic properties and MCD spectra of a four coordinate copper(II) complex with two chelated phenolate-substituted imino nitroxides. <i>Inorganica Chimica Acta</i> , 2004 , 357, 3125-3133	2.7	10
162	Magnetic field effects on an organic S=12 alternating linear Heisenberg antiferromagnet F5PNN. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 872-873	2.8	2
161	2D molecular square grid of Cobalt(II) with tridentate phenylglycinate and mandelate: structure and magnetism. <i>Journal of Physics and Chemistry of Solids</i> , 2004 , 65, 55-60	3.9	28
160	Molecular paramagnetic semiconductor: crystal structures and magnetic and conducting properties of the Ni(dmit)(2) salts of 6-oxoverdazyl radical cations (dmit = 1,3-dithiol-2-thione-4,5-dithiolate). <i>Inorganic Chemistry</i> , 2004 , 43, 566-76	5.1	39
159	1-D cobalt(II) spin transition compound with strong interchain interaction: [Co(pyterpy)Cl(2)].X. <i>Inorganic Chemistry</i> , 2004 , 43, 4124-6	5.1	62
158	Influence of the Mn intercalation on magnetic properties of TiSe2. <i>Journal of Alloys and Compounds</i> , 2004 , 384, 33-38	5.7	17
157	Anionic NaCl-type frameworks of [Mn(II)(HCOO)(3)(-)], templated by alkylammonium, exhibit weak ferromagnetism. <i>Dalton Transactions</i> , 2004 , 2209-16	4.3	220
156	Photo-Induced Spin Transition for an Iron (III) Pyruvic Acid Thiosemicarbazone Compound. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2004 , 5, N1-N3	0.7	15
155	Time-of-Flight Neutron Powder Diffraction Studies on a Chiral Two-dimensional Molecule-based Magnet. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 2597-2600	1.5	15
154	Structures and Magnetic Properties of a New Cobalt(II) Linear Trimer with Phenylcinnamic Acid. <i>Chemistry Letters</i> , 2004 , 33, 402-403	1.7	27
153	A Novel Au ₁₂ Supramolecule Composed of Two-, Three-, and Four-coordinated Au(I) Centers Constructed on the S ₃ Scaffolding. <i>Chemistry Letters</i> , 2004 , 33, 1300-1301	1.7	3
152	Slow dynamics of the magnetization in the ordered state of molecule based magnets with one-dimensional chain structure. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 8881-8897	1.8	5
151	Magnetic phase transitions in (Tb,Y)Mn ₂ M ₂ (M=Ge and Si) systems. <i>Journal of Applied Physics</i> , 2003 , 93, 8185-8187	2.5	7
150	[CoII(phimpy) ₂](ClO ₄) ₂ and [CoII(ipimpy) ₂](ClO ₄) ₂ : New Cobalt(II) Spin Crossover Compounds, and the Role of the Ligand Flexibility in Spin Transition Behavior. <i>Chemistry Letters</i> , 2003 , 32, 882-883	1.7	9
149	Study of Intermolecular Interaction for the Spin-Crossover Iron(II) Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 2003 , 76, 1207-1213	5.1	18
148	A Honeycomb Network of a Paddlewheel-type Dirhodium Complex in Two Oxidation States and Pinning of the Oxidation States. <i>Chemistry Letters</i> , 2003 , 32, 120-121	1.7	28
147	Structure and Magnetic Properties of a Chiral Two-Dimensional Ferrimagnet with TC of 38 K. <i>Angewandte Chemie</i> , 2003 , 115, 4958-4961	3.6	21

146	Structure and magnetic properties of a chiral two-dimensional ferrimagnet with TC of 38 K. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4810-3	16.4	184
145	Cover Picture: Structure and Magnetic Properties of a Chiral Two-Dimensional Ferrimagnet with TC of 38 K (Angew. Chem. Int. Ed. 39/2003). <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4709-4709	16.4	15
144	Hydrothermal synthesis, crystal structure and characterization of a new hexanuclear cobalt(II) complex comprised of octahedral and tetrahedral cobalt ions. <i>Polyhedron</i> , 2003 , 22, 1917-1920	2.7	36
143	Field-induced magnetic ordering in an alternating Heisenberg chain F5PNN. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 979-980	2.8	17
142	High field magnetization processes of BIPNNBNO and PIMBNO at low temperature. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 1160-1161	2.8	6
141	Magnetization plateau in S=1 organic spin ladder BIP-TENO. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 1203-1204	2.8	4
140	Pressure dependent magnetization of DyCu ₂ single crystals. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 633-634	2.8	2
139	Magnetization plateaux in S = 1 spin ladder. <i>Physica Status Solidi (B): Basic Research</i> , 2003 , 236, 429-432	1.3	10
138	Magnetic properties on an organic ferrimagnetic compound and related materials. <i>Synthetic Metals</i> , 2003 , 133-134, 527-530	3.6	4
137	A novel two-dimensional chiral complex; [CuII (R)-pn] ₂ [NiIII (CN) ₄] ₂ ·2H ₂ O ((R)-pn = (R)-1,2-diaminopropane). <i>Synthetic Metals</i> , 2003 , 137, 919-920	3.6	8
136	Synthesis and properties of Mn(hfac) ₂ complexes of isoindoline nitroxide radicals. <i>Synthetic Metals</i> , 2003 , 138, 501-506	3.6	9
135	Design of novel inorganic-organic hybrid materials based on iron-chloranilate mononuclear complexes: characteristics of hydrogen-bond-supported layers toward the intercalation of guests. <i>Journal of the American Chemical Society</i> , 2003 , 125, 221-32	16.4	48
134	Spin fluctuations in Gd ₃ Rh induced by f-d exchange: the influence on the T-linear specific heat. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 531-538	1.8	11
133	Genuine organic magnetic semiconductors: electrical and magnetic properties of the TCNQ and iodide salts of methylpyridinium-substituted verdazyl radicals. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1614		23
132	Low Dimensionality Observed by ESR Measurements in S=1 Spin Ladder Substance BIP-TENO (3,3',5,5'-tetrakis(N-tert-butylaminoxyl)biphenyl). <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 2640-2643	1.5	8
131	Magnetic instability of the Co sublattice in the Ho _{1-x} Y _x Co ₃ system. <i>Physica B: Condensed Matter</i> , 2002 , 319, 21-27	2.8	22
130	Magnetic properties of organic two-leg spin ladder systems with S=1/2 and S=1. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 1277-1280	3.9	6
129	Hydrothermal synthesis and characterization of a two-dimensional nickel(II) complex containing benzenehexacarboxylic acid (mellitic acid). <i>Inorganica Chimica Acta</i> , 2002 , 332, 176-180	2.7	30

128	Anomalous Magnetic Behavior in Three Kinds of 3-(Aryl-substituted)-1,5-diphenylverdazyl Radical Crystals (p-FPDV, p-PyDV and m-PyDV) Induced by Frustrated Spin Interaction. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 8632-8638	3.4	17
127	Photoluminescence of Er in strained Si on SiGe layer. <i>Journal of Applied Physics</i> , 2002 , 92, 3615-3619	2.5	8
126	Magnetic properties of Cs ⁺ and (CH ₃) ₄ N ⁺ salts of TCNQ. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 380, 251-256	0.5	
125	Low-energy excitations and thermodynamical properties of the quantum (5/2, 1/2, 1/2) ferrimagnetic chain. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 8067-8078	1.8	12
124	Hydrothermal Synthesis and Structural and Magnetic Characterization of the Coordination Bonding Network Co II (H ₂ O) ₂ carboxy-cinnamate. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 217-222	0.5	2
123	Hydrothermal Synthesis and Characterization of a Two-Dimensional Cobalt (II) Complex Containing Cinnamate Anion. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 265-270	0.5	3
122	Self-Organized Metallo-Helicates and -Ladder with 2,2'-Biphenyldicarboxylate (C ₁₄ H ₈ O ₄) ₂ :- Synthesis, Crystal Structures, and Magnetic Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 1283-1289	5.1	33
121	Pressure-induced Metamagnetic Behavior in a Quasi-One-Dimensional Molecule-based Ferrimagnet. <i>Chemistry Letters</i> , 2002 , 31, 316-317	1.7	1
120	Synthesis and Characterization of a Tetrahedral and Octahedral Cobalt(II) Alternate Chain Complex. <i>Chemistry Letters</i> , 2002 , 31, 1006-1007	1.7	7
119	Thermal and Optical Switching of Iron (III) Complexes. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2002 , 3, A1-A9	0.7	3
118	Pressure Effects on Molecular Magnets of Mn Complexes with Bisaminoxylbenzene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 247-252	0.5	4
117	Photochemical Generation of High Spin Clusters in Solution: (Cyclopentadienyl)Vanadium)mOn. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 1290-1293	3.4	6
116	Hydrothermal synthesis, structure and magnetism of square-grid cobalt(II)-carboxylate layered compounds with and without pillars. <i>Dalton Transactions RSC</i> , 2002 , 3442-3446		43
115	Magnetic Properties of Cs ⁺ and (CH ₃) ₄ N ⁺ Salts of TCNQ. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 376, 507-512	0.5	
114	Synthesis and Crystal Structure of One-Dimensional Copper(II) Coordination Polymer Bridged by Pyrazine Derivative. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 376, 71-76	0.5	3
113	X-band ESR Measurements of spin ladder system BIP-TENO 2002 , 69-72		
112	Design and Construction of Coordination Polymers Based on the Topological Property of the Multidentate Ligand. <i>Chemistry Letters</i> , 2001 , 30, 50-51	1.7	4
111	Pressure-Stabilized Low-Spin State for Binuclear Iron(III) Spin-Crossover Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 2001 , 74, 2361-2368	5.1	17

110	Synthesis, structure and magnetic properties of bis(hexafluoroacetylacetonato)Mn(II) complex with a novel triplet organic radical, 4-N-tert-butylaminoxyl-4'-nitronylnitroxylbiphenyl. <i>Polyhedron</i> , 2001 , 20, 1329-1333	2.7	10
109	Crystal structures and magnetic properties of novel coordination polymers with rectangular lattice constructed from pyrazine derivative. <i>Polyhedron</i> , 2001 , 20, 1411-1415	2.7	16
108	A complex of a chiral substituent-based nitroxide triradical having two chiral centres with Mn(hfac) ₂ . <i>Polyhedron</i> , 2001 , 20, 1495-1498	2.7	8
107	Syntheses and properties of genuine organic magnetic conductors: (1:1) and (1:2) salts of ethyl-pyridinium-substituted verdazyl radicals with TCNQ. <i>Polyhedron</i> , 2001 , 20, 1537-1544	2.7	18
106	Observation of a magnetization plateau of in a novel double-spin chain of ferromagnetic dimers formed by organic tetraradicals. <i>Physica B: Condensed Matter</i> , 2001 , 294-295, 43-46	2.8	25
105	Dinuclear Cobalt(II) Complexes of an Acyclic Phenol-Based Dinucleating Ligand with Four Methoxyethyl Chelating Arms [First Magnetic Analyses in an Axially Distorted Octahedral Field. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2027-2032	2.3	107
104	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (TC) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie</i> , 2001 , 113, 4372-4375	3.6	24
103	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (T) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4242-4245	16.4	214
102	Metal-Aminoxyl-Based Molecular Magnets 2001 , 61-91		9
101	Magnetic Viscosity at the Metamagnetic Phase Transition in Organic MnII(hfac) ₂ Compound with the One-Dimensional Chain Structure. <i>Materials Science Forum</i> , 2001 , 373-376, 441-444	0.4	1
100	Instability of Co Magnetism and Magnetoelastic Properties of the (Ho,Y)Co ₃ Compounds. <i>Materials Science Forum</i> , 2001 , 373-376, 633-636	0.4	
99	Magnetic properties of layered complexes [M(hfac) ₂] ₃ (R) ₂ , M = Mn(II) and Cu(II), with trisnitroxide radicals having various metal-radical exchange interactions. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 7429-7442	1.8	2
98	Hydrothermal synthesis and characterization of a new 3D-network containing the versatile cis,cis-cyclohexane-1,3,5-tricarboxylate. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2146-2151		57
97	The ground-state properties of the one-dimensional heterospin chain (5/2, 1/2, 1/2) with alternating exchange. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 5221-5229	1.8	4
96	Synthesis and Magnetic Properties of Chiral Molecule Based Magnets. <i>Materials Science Forum</i> , 2001 , 373-376, 449-452	0.4	2
95	Synthesis of asymmetric one-dimensional molecular-based magnets. <i>Synthetic Metals</i> , 2001 , 121, 1772-1773	3.6	6
94	Structure and properties of M(dmit) ₂ salts of cations with a magnetic nitroxide radical. <i>Synthetic Metals</i> , 2001 , 120, 993-994	3.6	3
93	Magnetic properties of organic spin ladder systems. <i>Synthetic Metals</i> , 2001 , 121, 1838-1839	3.6	2

92	Metal (3d)–organic (2p)-hybrid magnets made of Mn(II) ions with tris(aminoxyl) radicals (R [•]) as bridging ligands: 2D complexes [Mn(hfac) ₂] ₃ [R ₂]. <i>Synthetic Metals</i> , 2001 , 122, 463-470	3.6	6
91	Magnetic properties of Cr-intercalated TiSe ₂ . <i>Journal of Alloys and Compounds</i> , 2001 , 320, 13-17	5.7	37
90	Structure and properties of novel M(dmit) ₂ salts with the Me ₃ N ⁺ -TEMPO cation radical (Me ₃ N ⁺ -TEMPO = N,N,N-trimethyl(1-oxyl-2,2,6,6-tetramethylpiperidin-4-yl)ammonium). <i>Journal of Materials Chemistry</i> , 2001 , 11, 337-345		31
89	Approach to a single-component ferrimagnetism by organic radical crystals. <i>Journal of the American Chemical Society</i> , 2001 , 123, 7921-2	16.4	68
88	. <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 211-216	2.3	14
87	Novel layered structures constructed from iron–chloranilate compounds. <i>Coordination Chemistry Reviews</i> , 2000 , 198, 157-169	23.2	24
86	Synthesis and magnetic properties of one-dimensional ferro- and ferrimagnetic chains made up of an alternating array of 1,3-bis(N-tert-butyl-N-oxyamino)benzene derivatives and Mn(II)(hfac) ₂ . <i>Coordination Chemistry Reviews</i> , 2000 , 198, 219-229	23.2	30
85	Manganese(II) complexes of an acyclic phenol-based dinucleating ligand with four methoxyethyl chelating arms: synthesis, structure, magnetism and electrochemistry. <i>Inorganica Chimica Acta</i> , 2000 , 310, 163-168	2.7	26
84	Singlet Ground States in an Organic S=1/2 Spin Ladder and a Novel Double Spin Chain of Ferromagnetic Dimers Formed by an Organic Tetraradical. <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 1008-1011	1.5	38
83	Synthesis, Structure and Magnetic Properties of a Chiral One-Dimensional Molecular-Based Magnet. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 343, 97-102		12
82	Synthesis and magnetic properties of a new complex made up of Mn(hfac) ₂ and a radical with a triplet ground state. <i>New Journal of Chemistry</i> , 2000 , 24, 537-539	3.6	4
81	Triple hydrogen bond directed crystal engineering of metal assembled complexes: the effect of a bifunctional ligand on supramolecular structure. <i>CrystEngComm</i> , 2000 , 2, 174	3.3	18
80	Cholesterol induces apoptosis of corneal endothelial and lens epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2000 , 41, 991-7		4
79	Structures and Magnetic Properties of Binuclear Iron(III) Spin-Crossover Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 335, 573-582		12
78	Pressure Effect on Mn Complexes of Bisaminoxyl Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 334, 511-520		5
77	Synthesis and Characterization of a Chiral Molecule-Based Metamagnet Made by a Chiral Triplet Organic Radical and Transition Metal Ion. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 334, 487-496		3
76	Magnetic Behaviour of the Ferrimagnetic (1B/2,5/2,1/2) Linear Trimer in Complexes of Mn(hfac) ₂ with Bis- and Trisnitroxide Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 334, 549-568		3
75	Pressure-induced crossover from alternating to uniform interaction in a S=1/2 one-dimensional Heisenberg antiferromagnet. <i>Solid State Communications</i> , 1999 , 111, 607-611	1.6	12

74	The magnetic state of the Co-sublattice in Tb _{1-x} Y _x Co ₂ . <i>Physica B: Condensed Matter</i> , 1999 , 269, 284-289	2.8	16
73	Influence of the thermal excitations of the ferrimagnetic () linear trimer on the paramagnetic behavior of the layered metal-radical complex {Mn(hfac) ₂ } ₃ (3R) ₂ n-C ₇ H ₁₆ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999 , 261, 212-216	2.3	5
72	Doping effect of magnetic impurities on the spin-Peierls compound p-CyDOV. <i>Chemical Physics Letters</i> , 1999 , 311, 446-452	2.5	9
71	Synthesis and Magnetic Properties of Bis(Hexafluoroacetylacetonato)Copper(II) Complex with 5-Bromo-1,3-Phenylenebis(N-tert-Butylaminoxyl) as a Bridging Ligand. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 334, 533-538		32
70	Concentration and pressure dependence of magnetic ordering in Y(Mn _{1-x} Me _x) ₂ compounds with Me=Al, Fe and Ni. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 195, 687-691	2.8	5
69	Coexistence of Antiferromagnetically Ordered Fe ³⁺ Spins and Metal π -Electrons in [BETS ₂ FeCl ₄] [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Advanced Materials</i> , 1999 , 11, 1192-1194	2.4	13
68	Ein chiraler Metamagnet aus Manganionen und einem chiralen organischen Triplett-Radikal als Brückenligand. <i>Angewandte Chemie</i> , 1999 , 111, 1694-1696	3.6	21
67	A Chiral Molecular Based Metamagnet Prepared from Manganese Ions and a Chiral Triplet Organic Radical as a Bridging Ligand. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1601-1603	16.4	168
66	Magnetic properties of low-dimensional quantum spin systems made of stable organic biradicals PNNNO, F ₂ PNNNO, and PIMNO. <i>Physical Review B</i> , 1999 , 60, 12924-12932	3.3	55
65	The magnetic phase diagram and the effect of pressure on the magnetic properties of the intermetallic compounds. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 2937-2953	1.8	3
64	Pressure effects on organic radicals with ferromagnetic and antiferromagnetic interactions. <i>Synthetic Metals</i> , 1999 , 103, 2323-2324	3.6	4
63	Syntheses and physical properties of quasi-one-dimensional halogen-bridged Cu ^{II} -Pt ^{IV} mixed-metal MX-chain compounds. <i>Synthetic Metals</i> , 1999 , 103, 2648-2649	3.6	
62	Mn(II)-Induced Formation and Structural Elucidation of a [3 + 3] Benzene Dimer Derivative from m-Phenylenebis(N-tert-butylaminoxyl). <i>Journal of the American Chemical Society</i> , 1999 , 121, 7264-7265	16.4	12
61	Tuning of Spin Density Wave Strengths in Quasi-One-Dimensional Halogen-Bridged Ni(III) Complexes with Strong Electron Correlations, [Ni(III)(chxn) ₂ XY ₂]. <i>Inorganic Chemistry</i> , 1999 , 38, 1894-1899	5.1	14
60	Cholesterol induces apoptosis of cerebellar neuronal cells. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 256, 198-203	3.4	33
59	Valence Delocalization and Crystal Structure of [Fe ₃ O(pazo) ₆ (py) ₃][Bpy]: An Example of the Mixed Valence Delocalization between Two Iron Atoms. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 2229-2234	5.1	10
58	Structure and Magnetic Property of the Organic Triradical with Triazine Skeleton; 2,4,6-Tris{p-(N-oxy-N-tert-butylamino)phenyl}triazine. <i>Chemistry Letters</i> , 1999 , 28, 545-546	1.7	37
57	Construction of a Quantum-Spin System of S=1/2 Antiferromagnetic Chain with the Next-Nearest-Neighbor Interactions. <i>Journal of the Physical Society of Japan</i> , 1999 , 68, 2910-2913	1.5	12

56	Construction of spin- $\frac{1}{2}$ Heisenberg ferromagnetic-antiferromagnetic alternating chains with various exchange couplings. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 634-635	2.8	8
55	Magnetic properties of spin- $\frac{1}{2}$ Heisenberg honeycomb lattice with ferromagnetic and antiferromagnetic interactions. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 713-714	2.8	10
54	Tacticity versus dimension of the extended structures in the crystals of heterospin magnets made of transition-metal complexes with the poly(aminoxyl) radical. <i>New Journal of Chemistry</i> , 1998 , 22, 201-210	3.6	68
53	Study of the magnetization and magnetic anisotropy of the metal-radical complex of bis(hexafluoroacetylacetonato)manganese(II) with a trisnitroxide radical. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 2323-2337	1.8	24
52	Magnetic Properties of Bis(hexafluoroacetylacetonato)copper(II) Complex with 5-Bromo-1,3-phenylenebis(N-tert-butyl-aminoxyl) Having Polymeric Chain Structure. <i>Chemistry Letters</i> , 1998 , 27, 737-738	1.7	15
51	Synthesis and Magnetic Properties of Binuclear Iron(III) Complexes Containing Photoisomerization Ligand. <i>Chemistry Letters</i> , 1998 , 27, 987-988	1.7	25
50	Dynamic Stereochemistry of N-Phenyl-9-triptycylamine and Its N-Alkyl Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 1241-1248	5.1	13
49	Magnetic Properties of Pure Galvinoxyl under Pressure. Suppression of the Structural Change and Observation of the Magnetic Ordering. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 1998 , 7, 620-622	0	8
48	Challenge of Organic Synthesis-toward the 21st Century. How to Assemble Free Radicals into a Magnet. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1997 , 55, 417-426	0.2	1
47	Assemblage and Alignment of the Spins of the Organic Trinitroxide Radical with a Quartet Ground State by Means of Complexation with Magnetic Metal Ions. A Molecule-Based Magnet with Three-Dimensional Structure and High TC of 46 K. <i>Journal of the American Chemical Society</i> , 1996 , 118, 1803-1804	16.4	286
46	Design, Synthesis, and Characterization of π -Cross-Conjugated Polycarbenes with High-Spin Ground States. <i>ACS Symposium Series</i> , 1996 , 142-156	0.4	8
45	High-spin polynitroxide radicals as versatile bridging ligands for transition metal complexes with high ferri/ferromagnetic Tc. <i>Pure and Applied Chemistry</i> , 1996 , 68, 243-252	2.1	138
44	Toward Dendritic Two-Dimensional Polycarbenes: Syntheses of Starburst-Type Non- and Dodecadiazo Compounds and Magnetic Study of Their Photoproducts. <i>Bulletin of the Chemical Society of Japan</i> , 1996 , 69, 1483-1494	5.1	49
43	Spontaneous magnetization in a 2:3 complex formed by 3,4,5-tris(N-oxy-tert-butylamino)biphenyl and manganese(II)bis(hexafluoroacetylacetonate). <i>Advanced Materials</i> , 1996 , 8, 73-76	24	41
42	Large second-harmonic generation coefficients of bis(benzylidene) cycloalkanones estimated by the second-harmonic wave generated with the evanescent wave technique. <i>Chemical Physics Letters</i> , 1996 , 249, 29-34	2.5	43
41	Design and Synthesis of a Starburst-Type Nonadiazole Compound and Magnetic Characterization of Its Photoproduct. <i>Chemistry - A European Journal</i> , 1996 , 2, 259-264	4.8	50
40	Electronic structure of the quasi-one-dimensional halogen-bridged Ni complexes. <i>Physical Review B</i> , 1996 , 54, 8438-8445	3.3	90
39	Magnetic Characterization of One-Dimensional Molecule-Based Metamagnet Made of Mn(hfac) ₂ AND 1,3-BIS(N-OXY-tert-Butylamino)Benzene. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 286, 133-140		7

38	Theoretical Studies of the Ferromagnetic Inter-Molecular Interaction of P-Carboxylate Phenyl Nitronyl Nitroxide. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 279, 29-38		11
37	Assemblage of Organic Polyradicals with the Aid of Magnetic Metal Ions and Ordering of Their Spins in Macroscopic Scales 1996 , 157-179		7
36	High-Spin Polynitroxide Radicals as Versatile Bridging Ligands for High Tc Transition Metal Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1995 , 273, 67-80		18
35	One or two-dimensional ferro- and ferrimagnetic ordering formed by manganese (II) complexes with π -conjugated polynitroxide radicals. <i>Synthetic Metals</i> , 1995 , 71, 1793-1794	3.6	6
34	Structural control of quasi-one-dimensional halogen-bridged nickel complexes. <i>Synthetic Metals</i> , 1995 , 71, 1913-1914	3.6	1
33	Haldane gap system: Structure and magnetic properties of azido-bridged nickel complex. <i>Synthetic Metals</i> , 1995 , 71, 1961-1964	3.6	13
32	Exchange Interactions between Two Nitronyl Nitroxide or Iminyl Nitroxide Radicals Attached to Thiophene and 2,2'-Bithienyl Rings. <i>Journal of the American Chemical Society</i> , 1995 , 117, 2467-2478	16.4	90
31	Design, Synthesis, and Characterization of Three Kinds of π -Cross-Conjugated Hexacarbenes with High-Spin ($S = 6$) Ground States. <i>Journal of the American Chemical Society</i> , 1995 , 117, 5550-5560	16.4	120
30	Ferrimagnets Made by Assembling High-Spin Organic Polyradicals by Mean of Complexation with Magnetic Metal Ions. VII. One-Dimensional Chains Made by An Alternating Array of Mn(II)(hfac) ₂ and 1,3-BIS(N-OXY-tert-Butylamino) Benzenes. <i>Materials Research Society Symposia Proceedings</i> , 1995 , 413, 313		7
29	Structure and Stereodynamics of N-9-Triptycyl-O-phenylhydroxylamine, an Unusual Product by the Reaction of 9-Nitrosotriptycene and Phenyllithium. <i>Chemistry Letters</i> , 1995 , 24, 351-352	1.7	2
28	One-Dimensional Ferrimagnetic Chains with Weak Ferromagnetic Interchain Interaction in a 1 : 1 Manganese(II) Bis(hexafluoroacetylacetonate) Complex with Bis[3-tert-butyl-5-(N-oxy-tert-butylamino)phenyl] Nitroxide. <i>Chemistry Letters</i> , 1995 , 24, 745-746	1.7	22
27	2-[p-(N-tert-butyl-N-oxyamino)phenyl]-4,4,5,5-tetramethyl-4,5-dihydroimidazol-3-oxid-1-oxyl, ein stabiles Diradikal mit einem Triplett-Grundzustand. <i>Angewandte Chemie</i> , 1995 , 107, 973-975	3.6	10
26	2-[p(N-tert-butyl-N-oxyamino)phenyl]-4,4,5,5-tetramethyl-4,5-dihydroimidazol-3-oxide-1-oxyl, a Stable Diradical with a Triplet Ground State. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 927-928		77
25	Photochemical Production of Highly Ordered Spins in Organic Solids. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 253, 33-40		3
24	Ferro- and Ferrimagnetic Ordering in a Two-Dimensional Network Formed by Manganese(II) and 1,3,5-Tris[p-(N-tert-butyl-N-oxyamino)phenyl]benzene. <i>Journal of the American Chemical Society</i> , 1994 , 116, 3173-3174	16.4	175
23	Unusual formation of tricyclic annulenediones: diatropic cationic 10 π electron species in D ₂ SO ₄ . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2915-2920		
22	One-dimensional ferro- and ferri-magnetic chains made of an alternating array of 1,3-bis(N-tert-butyl-N-oxyamino)benzene and MnII(hfac) ₂ (Hhfac = hexafluoroacetylacetonate). <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2273		36
21	Exchange Interaction in Metal-Radical Systems: Chloro(meso-tetraphenylporphyrinato)chromium(III)'s and (Hexafluoroacetylacetonato)manganese(II) Ligated with 3- and 4-(N-Oxy-N-tert-butylamino)pyridines. <i>Inorganic Chemistry</i> , 1994 , 33, 6018-6019	5.1	77

20	Synthesis and Properties of a Bismethano-bridged Bisdehydro[21]annulene. Conformation in Solution and in the Crystalline State. <i>Chemistry Letters</i> , 1994 , 23, 2291-2294	1.7	0
19	Structures and Magnetic Properties of Bis(hexafluoroacetylacetonato)manganese(II)Ligated with N-[3- and 4-(N-tert-Butyl-N-oxyaminophenyl)]imidazole. <i>Chemistry Letters</i> , 1994 , 23, 1693-1696	1.7	25
18	Control of Charge Instabilities in Quasi-One-Dimensional Halogen-Bridged Nickel Compounds. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 256, 179-186		6
17	Halogen-bridged one-dimensional NiII-NiIV mixed-valence state and NiIII Mott-Hubbard state. <i>Synthetic Metals</i> , 1993 , 56, 3461-3468	3.6	11
16	Persistent 1,3,5-benzenetriyltris(N-tert-butyl nitroxide) and its analogs with quartet ground states. Intramolecular triangular exchange coupling among three nitroxide radical centers. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 13267-13272		84
15	4,6-Dimethoxy-1,3-phenylenebis(N-tert-butyl nitroxide) with a singlet ground state. Formal violation of a rule that m-phenylene serves as a robust ferromagnetic coupling unit. <i>Journal of the American Chemical Society</i> , 1993 , 115, 847-850	16.4	106
14	Crystals of Antiferromagnetic 1,3-Butadiyne and Ferromagnetic 1,3,5-Hexatriyne Both Carrying 4-Chloro-3-(N-tert-butyl-N-oxy-amino)phenyl as Persistent Free Radical Substituent. <i>Molecular Crystals and Liquid Crystals</i> , 1993 , 232, 89-98		3
13	Magnetic properties of the crystals of p-(1-oxyl-3-oxido-4,4,5,5-tetramethyl-2-imidazolyl)benzoic acid and its alkali metal salts. <i>Chemical Physics Letters</i> , 1993 , 207, 551-554	2.5	60
12	A Branched-Chain Nonacarbene with a Nonadecet Ground State: A Step Nearer to Superparamagnetic Polycarbenes. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 872-874		77
11	Ein verzweigtes Nonacarbon mit S = 9-Grundzustand: auf dem Weg zu superparamagnetischen Polycarbenen. <i>Angewandte Chemie</i> , 1993 , 105, 900-901	3.6	17
10	Approaches from High-Spin Organic Molecules to Organic Ferromagnets. <i>Materials Research Society Symposia Proceedings</i> , 1992 , 247, 407		3
9	Synthesis and characterization of a branched-chain hexacarbene in a tridecet ground state. An approach to superparamagnetic polycarbenes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 1484-1485	16.4	78
8	Crystals of an antiferromagnetic 1,3-butadiyne compared with a ferromagnetic 1,3,5-hexatriyne carrying a 4-Chloro-3-(N-tert-butyl-N-oxy-amino)phenyl Group as a Persistent Free Radical Substituent. <i>Advanced Materials</i> , 1992 , 4, 801-804	24	18
7	An approach to organic ferromagnets. Synthesis and characterization of 1-phenyl-1,3-butadiyne polymers having a persistent nitroxide group on the phenyl ring. <i>Journal of the American Chemical Society</i> , 1991 , 113, 9803-9810	16.4	46
6	An Approach to Organic Ferromagnets. Synthesis and Characterization of Polymers Due to 1-Phenyl-1, 3-Butadiynes Carrying a Substituent in Doublet or Triplet State on the Phenyl Ring 1991 , 53-66		3
5	Implications of Unusual Population Ratios in Rotational Isomers of 9-(4-Substituted Benzyl)-8,13-dichloro-1,4-dimethyltritycenes and 4-Substituted 9-Benzyl-8,13-dichloro-1-methyltritycenes: CH ₃ ⋯Hydrogen Bond. <i>Bulletin of the Chemical Society of Japan</i> , 1989 , 62, 2923-2931	5.1	16
4	Study of Structural Phase Transitions in the Layer Compound RbVF ₄ . <i>Physica Status Solidi A</i> , 1982 , 72, 809-816		12
3	Magnetic Ordering in Metal Coordination Complexes with Aminoxyl Radicals 61-108		15

2	Magnetic Ordering in Metal Coordination Complexes with Aminoxy Radicals61-108	1
1	Chiral Molecule-Based Magnets41-70	2